

CLAIMS

Please cancel claim 1.

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Cancelled)
2. (New) A method of noninvasively measuring glucose concentration, comprising:
 - receiving light waves reflected from an eye as pixels;
 - integrating the pixels to form an integrated value; and
 - correlating the integrated value to a glucose level.
3. (New) The method of claim 2, further comprising identifying a center of the eye.
4. (New) The method of claim 2, wherein the eye comprises an iris and a pupil.
5. (New) The method of claim 4, further comprising calculating an average brightness around the pupil of the eye.

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6. (New) The method of claim 4, further comprising equalizing the iris using the brightness around the pupil as a baseline.

7. (New) The method of claim 6, wherein equalizing comprises a linear stretch.

8. (New) The method of claim 6, wherein equalizing comprises a gamma stretch.

9. (New) The method of claim 4, further comprising masking the pupil of the eye.

10. (New) The method of claim 2, further comprising removing hot spots.

11. (New) The method of claim 2, further comprising capturing the reflected light with an image sensor so that the captured image comprises pixels.

12. (New) The method of claim 11, further comprising converting the pixels into data numbers with an analog to digital converter and wherein integrating comprises integrating the data numbers.

13. (New) The method of claim 2, further comprising filtering the reflected light waves.

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14. (New) The method of claim 2, wherein the lookup table comprises ranges of integrated values that correspond to glucose levels.

15. (New) The method of claim 2, wherein the light waves are received from a light source placed at an angle to the eye.

16. (New) The method of claim 2, wherein the light waves are received from a light source that is filtered.

17. (New) The method of claim 11, wherein a light source is held in front of a geometric center of the image sensor.

18. (New) The method of claim 2, wherein the light waves are reflected from glucose molecules in blood vessels of the eye.

19. (New) The method of claim 2, further comprising using the light waves to determine glaucoma pressure.

20. (New) The method of claim 11, wherein the image sensor is coupled to a monitor and wherein an image of an eye as viewed by the image sensor is displayed on the monitor.

21. (New) The method of claim 2, wherein receiving light waves reflected from an eye as pixels comprises receiving the reflected light waves by a computer coupled to a network of

computers and forwarding the pixels to another computer in the network for processing.

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